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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/761,583	01/22/2004	Liu Qing	089229.00130	4262
32294 7590 02/03/2009 SQUIRE, SANDERS & DEMPSEY L.L.P. 8000 TOWERS CRESCENT DRIVE 14TH FLOOR VIENNA, VA 22182-6212				
EXAMINER				
SAM PHIRIN				
ART UNIT		PAPER NUMBER		
2419				
MAIL DATE		DELIVERY MODE		
02/03/2009		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/761,583

Applicant(s)

QING ET AL.

Examiner

PHIRIN SAM

Art Unit

2419

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 October 2008.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-41, 43 and 44 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-24, 35-38, 43 and 44 is/are allowed.
- 6) ☒ Claim(s) 25-34 and 39-41 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 22 January 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).
3. Claims 25-34 and 39-41 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. 2006/0117093 of Aviani, Jr. et al. (hereafter "Aviani") in view of U.S. 2006/0117093 of Wittenberg et al. (hereafter "Wittenberg").

Regarding amended claim 25, Aviani discloses an intermediate node for redirecting service requests within a domain of a network, wherein the network comprises a plurality of domains, wherein said intermediate node is connected to an entry node, to a database, and to a plurality of service nodes of said domain, said intermediate node (see Fig. 1, element 102) comprising:

- (a) receiving means for receiving a service request from a service request input node (see Figs. 1, 3, and 4, paragraphs [0033], [0034]);

(b) look-up means for performing, based on a received service request, a look-up in a database for obtaining destination information required for forwarding said service request to a destination (see Figs. 1, 3, and 4, paragraph [0036]);

Aviani does not disclose sending means for sending said destination information from the intermediate node to said service request input node, wherein said service request input node is configured to forward said service request, based on said received destination information, from the service request input node to said destination, comprising forwarding said service request to an entry node of said domain for relaying said service request to another domain when said service request is destined for a user terminal not associated with the service nodes of said domain. However, Wittenberg discloses sending means for sending said destination information from the intermediate node to said service request input node, wherein said service request input node is configured to forward said service request, based on said received destination information, from the service request input node to said destination, comprising forwarding said service request to an entry node of said domain for relaying said service request to another domain when said service request is destined for a user terminal not associated with the service nodes of said domain (see Fig. 2a, paragraphs [0028], [0029], [0030]). At the time of the invention, it would have been obvious to a person of ordinary skill in the art to combine sending means for sending said destination information from the intermediate node to said service request input node, wherein said service request input node is configured to forward said service request, based on said received destination information, from the service request input node to said destination, comprising forwarding said service request to an entry node of said domain for relaying said service request to another domain when said service request is destined for a user terminal not associated with the service nodes of said domain teaching by Wittenberg with

Aviani. The motivation for doing so would have been to provide to redirect services read on paragraph [0005]. Therefore, it would have been obvious to combine Wittenberg and Aviani to obtain the invention as specified in the claim 25.

Regarding amended claim 27, see similar rejection of claim 25.

Regarding amended claim 28, see similar rejection of claim 25.

Regarding amended claim 29, see similar rejection of claim 25.

Regarding claim 32, see similar rejection of claim 25.

Regarding amended claim 33, see similar rejection of claim 25.

Regarding amended claim 39, see similar rejection of claim 25.

Regarding amended claim 40, see similar rejection of claim 25.

Regarding claim 26, see similar rejection of claim 25.

Regarding amended claim 30, see similar rejection of claim 25.

Regarding amended claim 31, see similar rejection of claim 25.

Regarding amended claim 34, see similar rejection of claim 25.

Regarding amended claim 41, see similar rejection of claim 25.

Allowable Subject Matter

4. Claims 1-24, 35-38, 43, and 44 are allowed.

Response to Arguments

5. Applicant's arguments with respect to claims above have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to PHIRIN SAM whose telephone number is (571)272-3082. The examiner can normally be reached on Increased Flexitime Policy (IFP) Program.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jay Patel can be reached on (571) 272 - 2988. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Respectfully submitted,

Date: February 1, 2009

By: /Phirin Sam/
Phirin Sam
Primary Examiner
Art Unit 2419